

# EVA

## 155 mm 52 cal. Truck Mounted Gun

**155 mm 52 cal. TMG EVA** presents a self-propelled autonomous artillery system with automatic loading of ammunition providing an effective fire by means of both direct and indirect aiming. Design is based on the 155 mm 52 Cal. SpGH ZUZANA 2 while overtaking maximum assemblies and design solutions verified within the course of demanding testing and tender trials performed in Slovakia and abroad.

- 155 mm TMG EVA is armed with 52-caliber barrel designed in accordance with Joint Memorandum of Understanding concerning "Standardization of Elements of 155 mm Howitzers and Ammunitions"
- Electronic equipment, diagnostics and automation of operations during loading and firing rank this weapon among the most advanced weapon system in the world
- The weapon is equipped with the inertial navigation equipment and muzzle velocity radar
- On-board FCS enables to operate with digital maps
- For direct fire the weapon is equipped with aiming system consisting of TV camera, thermal image camera and laser range-finder
- Any NATO standard 155 mm ammunition is used for firing
- 12 projectiles and 12 powder charges ready to fire are stored there in conveyers. Beds in the conveyers are universal for all the projectiles and powder charges used in the service. Eventually there might be stored any new types of projectiles of the length up to 1000 mm in the projectile conveyor and loaded by means of automatic loading mechanism
- Another 12 projectiles and 12 powder charges are carried there in hermetical packing on the chassis
- Electric and hydraulic power to drive the turret and chassis aggregates is supplied by chassis engine



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## Specification

Main Armament	155 mm Gun, 52 caliber
Traverse	$\pm 60^\circ$ , for fire $\pm 40^\circ$
Elevation	$-3.5^\circ / +75^\circ$
Rate of fire	
· In automatic mode	5 rounds in the 1st minute
· In manual mode	13 rounds in 3 minutes 2 rounds per minute
Range of Fire, Maximum (at 450 elevation)	41+ km when using ERFB-BB shells
Range of Fire, Minimum	5.0 km
Ammo Carried on Vehicle	24 pcs
Ammo Ready to Fire	12 pcs
Crew	3
Chassis, Special	TATRA 6 x 6 (optionally 8 x 8)
Length, Maximum	11.2 m
Height, Maximum	
· Transport by plane	2.7 m
· Road transport	3.33 m
Width, Maximum	2.55 m
Speed, Maximum	80 km/h
Range of Action	700 km
Air Transportability	HERCULES C130

## It is featuring:

- High mobility
- Protection of the crew against small arms
- Far-distant range of fire
- Quick preparation for fire
- Quick transition into and out of action
- High accuracy of fire
- Capability to carry out multiple round simultaneous impact (MRSI) missions



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